

Name: _____

Date: _____

Ice Cream Lab



1. Add ice to your bag and record the temperature of inside the bag:
2. Add the salt to your ice bag and then gently shake the bag for 20 seconds. Record the temperature. Did it change?
3. Fill out the temperature of the ice cream mixture in the following table every other minute until your mixture has a solid consistency. Don't forget units!

[illegible]

4. Describe the changes in the state of matter in the ice cream bag and at what minute it occurred.
5. Why do you need to put salt in the ice bag? Explain in detail.
6. Describe the transfer of heat energy in this experiment.